



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200  
Fax 613 632-5246

**RBW6521A00138-W142AH-  
002-3T-3**

**Job Sheet 191847**



**Part No:** RBW6521A00138-W142AH-002-3T-3 **Job Qty:** 4 pcs

**Part Name:** LH Side Bracket



**Part Weight:** 0 lbs

**Status:** New

**Priority:** Medium

**Job Created:** 3/11/19

**Job Tracking No:**

**Due Date:** 3/20/19

**Created By:** Marie Lajeunesse

**Type:** SOLD

**Description:**

**Note:** DWG RBW6521A00138-W142AH-002-3T Rev.A IPP Rev. A 19.01.16 New issue DP Verify DD

**Ship Via:**

### Bill of Materials

### Job Routing

| Op No | Operation  | Qty   | Start Date | Due Date | Standard  |         | Workcenter/Supplier   |           | Sign-off               |
|-------|------------|-------|------------|----------|-----------|---------|-----------------------|-----------|------------------------|
|       |            |       |            |          | Setup Hrs | Run Hrs | Workcenter / Supplier | Lead Time |                        |
| 120   | NV5000 - 1 | 4 pcs | 3/20/19    | 3/20/19  | 0.00      | 4.00    | NV5000 - 1            |           | J. Lajeunesse          |
|       |            |       |            |          |           |         | NV5000 - 2            |           |                        |
| 130   | QC 2       | 4 pcs | 3/20/19    | 3/20/19  | 0.00      | 0.00    | QC 2 - 1              |           | J. Lajeunesse 19-03-11 |
|       |            |       |            |          |           |         | QC 2 - 12             |           |                        |
|       |            |       |            |          |           |         | QC 2 - 14             |           |                        |
|       |            |       |            |          |           |         | QC 2 - 17             |           |                        |
|       |            |       |            |          |           |         | QC 2 - 19             |           |                        |
|       |            |       |            |          |           |         | QC 2 - 2              |           |                        |
|       |            |       |            |          |           |         | QC 2 - 20             |           |                        |
|       |            |       |            |          |           |         | QC 2 - 22             |           |                        |
|       |            |       |            |          |           |         | QC 2 - 23             |           |                        |
|       |            |       |            |          |           |         | QC 2 - 25             |           |                        |
|       |            |       |            |          |           |         | QC 2 - 32             |           |                        |
|       |            |       |            |          |           |         | QC 2 - 33             |           |                        |
|       |            |       |            |          |           |         | QC 2 - 35             |           |                        |
|       |            |       |            |          |           |         | QC 2 - 39             |           |                        |
|       |            |       |            |          |           |         | QC 2 - 4              |           |                        |
|       |            |       |            |          |           |         | QC 2 - 40             |           |                        |
|       |            |       |            |          |           |         | QC 2 - 44             |           |                        |
|       |            |       |            |          |           |         | QC 2 - 45             |           |                        |
|       |            |       |            |          |           |         | QC 2 - 48             |           |                        |
|       |            |       |            |          |           |         | QC 2 - 49             |           |                        |
|       |            |       |            |          |           |         | QC 2 - 50             |           |                        |
|       |            |       |            |          |           |         | QC 2 - 51             |           |                        |
|       |            |       |            |          |           |         | QC 2 - 52             |           |                        |
|       |            |       |            |          |           |         | QC 2 - 54             |           |                        |
|       |            |       |            |          |           |         | QC 2 - 56             |           |                        |
|       |            |       |            |          |           |         | QC 2 - 57             |           |                        |
|       |            |       |            |          |           |         | QC 2 - 62             |           |                        |
|       |            |       |            |          |           |         | QC 2 - 63             |           |                        |
|       |            |       |            |          |           |         | QC 2 - 8              |           |                        |
|       |            |       |            |          |           |         | QC 2 - 66             |           |                        |
|       |            |       |            |          |           |         | QC 2 - 64             |           |                        |



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CANADA  
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**Container No:** S161074



**Part:** RBW6521A00138-W142AH-002-3T-3

**Job No:** 191847

**Serial No/Batch:** S161074

**Revision:** A

**Inspector:**

**Exp Date:**

**Instructions:**

Date: 03/11/19

Plex 3/11/19 9:59 AM Dart.lajeunesse.marie

|     |                               |             |         |      |      |                        |               |
|-----|-------------------------------|-------------|---------|------|------|------------------------|---------------|
| 140 | QC 8                          | 4 pcs       | 3/20/19 | 0.00 | 0.00 | QC 2 - 65              |               |
|     |                               |             |         |      |      | QC 8 - 12              |               |
|     |                               |             |         |      |      | QC 8 - 14              |               |
|     |                               |             |         |      |      | QC 8 - 17              |               |
|     |                               |             |         |      |      | QC 8 - 20              |               |
|     |                               |             |         |      |      | QC 8 - 25              |               |
|     |                               |             |         |      |      | QC 8 - 3               |               |
|     |                               |             |         |      |      | QC 8 - 32              |               |
|     |                               |             |         |      |      | QC 8 - 33              |               |
|     |                               |             |         |      |      | QC 8 - 35              |               |
|     |                               |             |         |      |      | QC 8 - 39              |               |
|     |                               |             |         |      |      | QC 8 - 4               |               |
|     |                               |             |         |      |      | QC 8 - 44              |               |
|     |                               |             |         |      |      | QC 8 - 45              |               |
|     |                               |             |         |      |      | QC 8 - 49              |               |
|     |                               |             |         |      |      | QC 8 - 58              |               |
|     |                               |             |         |      |      | QC 8 - 8               | A. 19-03-12   |
|     |                               |             |         |      |      | QC 8 - 9               |               |
|     |                               |             |         |      |      | QC 8 - 68              |               |
|     |                               |             |         |      |      | QC 8 - 67              |               |
|     |                               |             |         |      |      | QC 8 - 1 (A)           |               |
|     |                               |             |         |      |      | QC 8 - 47              |               |
|     |                               |             |         |      |      | QC 8 - 40              |               |
| 150 | Outsource - 12 - Black Oxide  | 4 pcs       | 3/20/19 |      |      | GRO002-VC              | 03/14/2019 PL |
| 160 | Packaging 2-1 - Receive - B4B | 4 pcs<br>OP | 3/20/19 | 0.00 | 0.00 | Packaging 2 - 1 - B4B  |               |
|     |                               |             |         |      |      | Packaging 2 - 2 - B4B  |               |
|     |                               |             |         |      |      | Packaging 2 - 3 - B4B  |               |
|     |                               |             |         |      |      | Packaging 2 - 5 - B4B  |               |
|     |                               |             |         |      |      | Packaging 2 - 4 - B4B  |               |
|     |                               |             |         |      |      | Packaging 2 - 6 - B4B  |               |
|     |                               |             |         |      |      | Packaging 2 - 7 - B4B  |               |
|     |                               |             |         |      |      | Packaging 2 - 8 - B4B  |               |
|     |                               |             |         |      |      | Packaging 2 - 9 - B4B  |               |
|     |                               |             |         |      |      | Packaging 2 - 10 - B4B |               |
|     |                               |             |         |      |      | Packaging 2 - 11 - B4B |               |
|     |                               |             |         |      |      | Packaging 2 - 12 - B4B |               |
|     |                               |             |         |      |      | Packaging 2 - 13 - B4B |               |
|     |                               |             |         |      |      | Packaging 2 - 14 - B4B |               |
|     |                               |             |         |      |      | Packaging 2 - 15 - B4B |               |
|     |                               |             |         |      |      | Packaging 2 - 16 - B4B |               |
|     |                               |             |         |      |      | Packaging 2 - 17 - B4B |               |
|     |                               |             |         |      |      | Packaging 2 - 18 - B4B |               |
|     |                               |             |         |      |      | Packaging 2 - 19 - B4B |               |
|     |                               |             |         |      |      | Packaging 2 - 20 - B4B |               |
|     |                               |             |         |      |      | Packaging 2 - 21 - B4B |               |
|     |                               |             |         |      |      | Packaging 2 - 22 - B4B |               |
|     |                               |             |         |      |      | Packaging 2 - 23 - B4B |               |
|     |                               |             |         |      |      | Packaging 2 - 24 - B4B |               |
|     |                               |             |         |      |      | Packaging 2 - 25 - B4B |               |
|     |                               |             |         |      |      | Packaging 2 - 26 - B4B |               |
|     |                               |             |         |      |      | Packaging 2 - 27 - B4B |               |
|     |                               |             |         |      |      | Packaging 2 - 28 - B4B |               |
|     |                               |             |         |      |      | Packaging 2 - 29 - B4B |               |
|     |                               |             |         |      |      | Packaging 2 - 30 - B4B |               |
|     |                               |             |         |      |      | Packaging 2 - 31 - B4B |               |
|     |                               |             |         |      |      | Packaging 2 - 32 - B4B |               |
|     |                               |             |         |      |      | Packaging 2 - 33 - B4B |               |
|     |                               |             |         |      |      | Packaging 2 - 34 - B4B |               |
|     |                               |             |         |      |      | Packaging 2 - 35 - B4B |               |
|     |                               |             |         |      |      | Packaging 2 - 36 - B4B |               |
| 170 | QC 6                          | 4 pcs       | 3/20/19 | 0.00 | 0.00 | QC 6 - 42              |               |



|     |                             |       |         |           |                        |             |             |
|-----|-----------------------------|-------|---------|-----------|------------------------|-------------|-------------|
|     |                             |       |         |           | QC 6 - 9               |             | DAS         |
|     |                             |       |         |           | QC 6 - 68              | MAR 25 2019 | 68          |
|     |                             |       |         |           | QC 6 - 61              |             | 9-89        |
| 180 | Packaging 3-1 - Stock - B4B | 4 pcs | 3/20/19 | 0.00 0.00 | Packaging 3 - 1 - B4B  |             |             |
|     |                             |       |         |           | Packaging 3 - 2 - B4B  |             |             |
|     |                             |       |         |           | Packaging 3 - 3 - B4B  |             |             |
|     |                             |       |         |           | Packaging 3 - 4 - B4B  |             |             |
|     |                             |       |         |           | Packaging 3 - 5 - B4B  |             |             |
|     |                             |       |         |           | Packaging 3 - 6 - B4B  | DAS         |             |
|     |                             |       |         |           | Packaging 3 - 7 - B4B  | 28          |             |
|     |                             |       |         |           | Packaging 3 - 8 - B4B  | 9-89        |             |
|     |                             |       |         |           | Packaging 3 - 9 - B4B  |             |             |
|     |                             |       |         |           | Packaging 3 - 10 - B4B |             |             |
|     |                             |       |         |           | Packaging 3 - 11 - B4B |             |             |
|     |                             |       |         |           | Packaging 3 - 12 - B4B |             |             |
|     |                             |       |         |           | Packaging 3 - 13 - B4B |             |             |
|     |                             |       |         |           | Packaging 3 - 14 - B4B |             |             |
|     |                             |       |         |           | Packaging 3 - 15 - B4B |             |             |
|     |                             |       |         |           | Packaging 3 - 16 - B4B |             |             |
|     |                             |       |         |           | Packaging 3 - 17 - B4B |             |             |
|     |                             |       |         |           | Packaging 3 - 18 - B4B |             |             |
|     |                             |       |         |           | Packaging 3 - 19 - B4B |             |             |
|     |                             |       |         |           | Packaging 3 - 20 - B4B |             |             |
|     |                             |       |         |           | Packaging 3 - 21 - B4B |             |             |
|     |                             |       |         |           | Packaging 3 - 22 - B4B |             |             |
|     |                             |       |         |           | Packaging 3 - 23 - B4B |             |             |
|     |                             |       |         |           | Packaging 3 - 24 - B4B |             |             |
|     |                             |       |         |           | Packaging 3 - 25 - B4B |             |             |
|     |                             |       |         |           | Packaging 3 - 26 - B4B |             |             |
|     |                             |       |         |           | Packaging 3 - 27 - B4B |             |             |
|     |                             |       |         |           | Packaging 3 - 28 - B4B |             |             |
|     |                             |       |         |           | Packaging 3 - 29 - B4B |             |             |
|     |                             |       |         |           | Packaging 3 - 30 - B4B |             |             |
|     |                             |       |         |           | Packaging 3 - 31 - B4B |             |             |
|     |                             |       |         |           | Packaging 3 - 32 - B4B |             |             |
|     |                             |       |         |           | Packaging 3 - 33 - B4B |             |             |
|     |                             |       |         |           | Packaging 3 - 34 - B4B |             |             |
|     |                             |       |         |           | Packaging 3 - 35 - B4B |             |             |
|     |                             |       |         |           | Packaging 3 - 36 - B4B | DAS         |             |
| 190 | QC 21 - SA                  | 4 pcs | 3/20/19 | 0.00 0.00 | QC 21 - SA - 21        | 21          |             |
|     |                             |       |         |           | QC 21 - SA - 70        | 9-89        | MAR 25 2019 |

Part Op 120 - 1-Machine as per folio FC690 FOLIO REV: AA DWG REV: A 2-Deburr  
 Descriptions: 150 - -Issue P/O: \_\_\_\_\_ -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; 1018 -Certificate of Conformity is required  
 160 - -Certificate of Conformity is required

### Job BOM

| Part / Item           | Component Name                  | Quantity          | Operation      | Container |
|-----------------------|---------------------------------|-------------------|----------------|-----------|
| MT-4140-S-0.625X2.125 | AISI 4140 PLATE 0.625" X 2.125" | 1.2000 ft (.3 ea) | 120-NV5000 - 1 | 5089 797  |

### Job Allocations

| Operation      | Component Part        | Required | Inventory | Allocated |
|----------------|-----------------------|----------|-----------|-----------|
| 120-NV5000 - 1 | MT-4140-S-0.625X2.125 | 1        | 12        | 0         |

### Part Specifications

Specifications could not be found.





Entered: \_\_\_\_\_ Date: \_\_\_\_\_



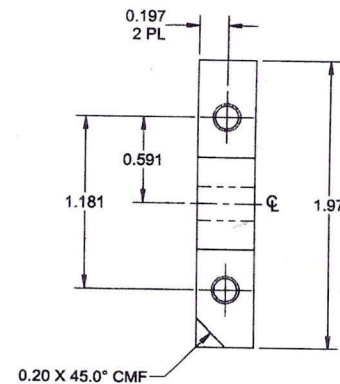
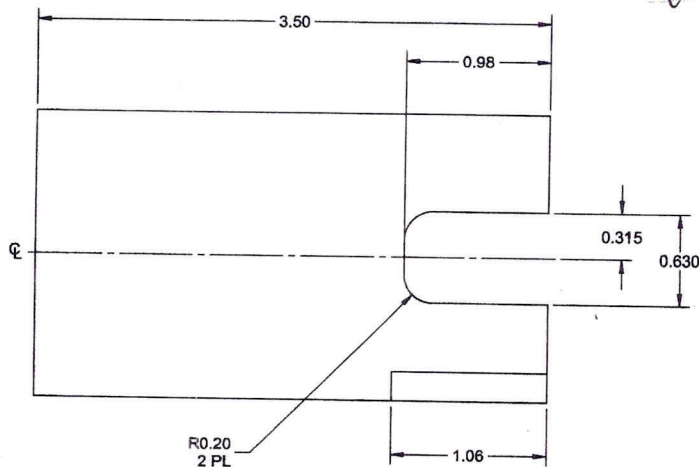
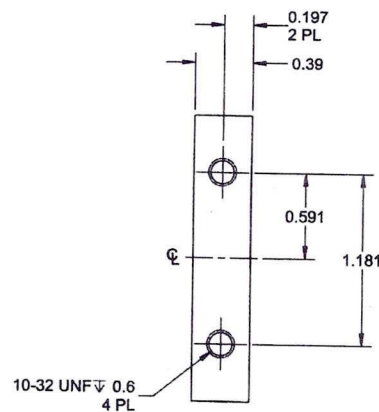
## WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. \_\_\_\_\_

Route update only ☐

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                               |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------|--|
| Job: _____<br><br>Part No. _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/> | <b>DEPARTMENT/PROCESS</b><br><br><div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/><br/>           Machining <input type="checkbox"/><br/>           Large Fab <input type="checkbox"/> </div> <div>           Cross tube <input type="checkbox"/><br/>           Small Fab <input type="checkbox"/><br/>           Finishing <input type="checkbox"/> </div> <div>           Eng. (Non-AW) <input type="checkbox"/><br/>           Prod. Eng. Coord. <input type="checkbox"/><br/>           Rec/Store/Packaging <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/><br/>           Water Jet <input type="checkbox"/><br/>           Supplier <input type="checkbox"/><br/>           Quality <input type="checkbox"/> </div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                               |  |
| Date : _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Sequence #: _____                                                                                                                 | QTY Affected : _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | MRB (QSI042) _____            |  |
| <b>Description Work Order Deviation</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                   | <b>Disposition</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | <b>Completed By</b>           |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | <b>Lead hand / Supervisor</b> |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                               |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | <b>QC / QA Coordinator</b>    |  |
| <b>Root Cause</b><br><br><div style="display: flex; flex-direction: column;"> <div>Operator <input type="checkbox"/></div> <div>Manufacturing Process <input type="checkbox"/></div> <div>Equip/Tooling <input type="checkbox"/></div> <div>Handling/Preservation <input type="checkbox"/></div> <div>Material <input type="checkbox"/></div> <div>Product Improvement <input type="checkbox"/></div> <div>Process Improvement <input type="checkbox"/></div> <div>Human Factors <input type="checkbox"/></div> </div> |                                                                                                                                   | <b>FAULT CATEGORY</b><br><br><div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <input type="checkbox"/> Pressure/Forced<br/> <input type="checkbox"/> Bending<br/> <input type="checkbox"/> Crushing<br/> <input type="checkbox"/> Cracks<br/> <input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist<br/> <input type="checkbox"/> Marks/Chatter<br/> <input type="checkbox"/> Mislabeled         </div> <div style="width: 50%;"> <input type="checkbox"/> Contamination<br/> <input type="checkbox"/> Misaligned/off center<br/> <input type="checkbox"/> BOM/Route<br/> <input type="checkbox"/> Broken/Damage/Defect<br/> <input type="checkbox"/> Incomplete/Unclear Instructions<br/> <input type="checkbox"/> Drill Holes<br/> <input type="checkbox"/> Fit/Function         </div> <div style="width: 50%;"> <input type="checkbox"/> Power Loss/Surge<br/> <input type="checkbox"/> Folio/Program<br/> <input type="checkbox"/> Grain Direction<br/> <input type="checkbox"/> Weld<br/> <input type="checkbox"/> Wrong Stock Pulled<br/> <input type="checkbox"/> Out of Sequence<br/> <input type="checkbox"/> Off-set/Set-up         </div> <div style="width: 50%;"> <input type="checkbox"/> Positioned Wrong<br/> <input type="checkbox"/> Outside Tolerance<br/> <input type="checkbox"/> Drawing<br/> <input type="checkbox"/> Finish<br/> <input type="checkbox"/> Part Lost/Missing<br/> <input type="checkbox"/> Misread         </div> </div> |  |                               |  |
| Other/Details: _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                               |  |

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WORK ORDER NO. 191547 M5  
190311  
191308 M5  
190226



RBW6521A00138-W142AH-002-3T-3 LH SIDE BRACKET

NOTES:

- 1) MATERIAL: 4140/4142 (28-32 RC)
- 2) HEAT TREAT: N/A
- 3) FINISH: BLACK OXIDE PER MIL-C-13924 CLASS 1 THEN APPLY A THIN LAYER OF OIL / CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE III OR MIL-C-23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS
- 4) TOLERANCES: X.X =  $\pm 0.1"$  /  $\pm 1"$   
X.XX =  $\pm 0.01"$  /  $\pm 0.5"$   
X.XXX =  $\pm 0.005"$  /  $\pm 0.1"$   
X.XXXX =  $\pm 0.0005"$  /  $\pm 0.05"$   
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES =  $\pm 0.005"$
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) BREAK SHARP EDGES: 0.005" TO 0.010"
- 7) IDENTIFICATION: N/A

|                                                                                                                                                                                                                                                                          |                    |                                                          |              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------------------------------------------------|--------------|
| DESIGN                                                                                                                                                                                                                                                                   | KPT                | <b>DART AEROSPACE LTD</b><br>HAWKESBURY, ONTARIO, CANADA |              |
| DRAWN                                                                                                                                                                                                                                                                    | KPT                |                                                          |              |
| CHECKED                                                                                                                                                                                                                                                                  | KPT                | TOOL PART #                                              | REV. A       |
| MFG. APPR.                                                                                                                                                                                                                                                               | DP                 | RBW6521A00138-W142AH-002-3T                              | SHEET 4 OF 5 |
| APPROVED                                                                                                                                                                                                                                                                 | <i>[Signature]</i> | TITLE                                                    | SCALE        |
| DATE                                                                                                                                                                                                                                                                     | 12/24/2018         | NUT TORQUE TOOL                                          | NTS          |
| COPYRIGHT © 2018 BY DART AEROSPACE LTD<br>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD. |                    |                                                          |              |



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# PURCHASE ORDER

## PO042898



**Supplier:** GRO002-VC  
Group Altech  
2455 Halpern  
St Laurent  
QC  
H4S 1N9 Canada  
Phone: 514-335-3666  
Fax: 514-335-3868

**Attention:** Grenon, Sylvie

**Ship To:** 1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

**PO No:** PO042898

**PO Date:** 3/14/19

**Due Date:** 3/19/19

**Purchase Order**

**Revision:**

**Revision Date:**

**Ship-To Contact:** Phone:

**Via:** Ground

**Pymt Terms:** Net 60

**Freight Terms:**

**Special Comments:**

### Items

| Line Item                                        | Job    | Part                              | Description                                                                                                                                                                                                                                                                                                              | Status | Account | Due Date | Order Quantity | Received Quantity | Balance | Unit Price (CAD) | Extended Price |
|--------------------------------------------------|--------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------|----------|----------------|-------------------|---------|------------------|----------------|
| 1                                                | 188697 | RB6796941-201-4                   | Adapter<br>-Issue P/O to<br>Groupe Altech;<br>PO<br>-Black oxide finish,<br>MIL-C-13924C<br>Class 1<br>-Certificate of<br>Conformity is<br>required                                                                                                                                                                      | Firmed | -       | 3/19/19  | 12 pcs         | 0 pcs             | 12 pcs  | \$1.98/pcs       | \$23.76        |
| Line Item Note ** NEED BACK FOR MARCH 19,2019 ** |        |                                   |                                                                                                                                                                                                                                                                                                                          |        |         |          |                |                   |         |                  |                |
| 2                                                | 191306 | RBW6521A00138-<br>W142AH-002-3T-1 | Ring<br>-Issue<br>P/O;<br>-Black oxide finish,<br>MIL-C-13924C<br>Class 1<br>-Apply thin layer of<br>oil/CPC per MIL-<br>PRF-16173 Grade 3<br>Class 1 or MIL-c-<br>81309 Type III<br>Or MILL-C23411A or<br>MIL-PRF-81309 and<br>wipe off excess.<br>-Material type; 1018<br>-Certificate of<br>Conformity is<br>required | Firmed | -       | 3/19/19  | 2 pcs          | 0 pcs             | 2 pcs   | \$4.20/pcs       | \$8.40         |
| Line Item Note ** NEED BACK FOR MARCH 19,2019 ** |        |                                   |                                                                                                                                                                                                                                                                                                                          |        |         |          |                |                   |         |                  |                |





Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# PURCHASE ORDER

## PO042898



### Items

| Line Item | Job    | Part                          | Description                                                                                                                                                                                                                                                                                                                         | Status | Account | Due Date | Order Quantity | Received Quantity | Balance | Unit Price (CAD) | Extended Price |
|-----------|--------|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------|----------|----------------|-------------------|---------|------------------|----------------|
| 3         | 191846 | RBW6521A00138-W142AH-002-3T-2 | RH Side Bracket<br>-Issue<br>P/O;<br>-Black oxide finish,<br>MIL-C-13924C<br>Class 1<br>-Apply thin layer of<br>oil/CPC per MIL-<br>PRF-16173 Grade 3<br>Class 1 or MIL-c-<br>81309 Type III<br>Or MILL-C23411A or<br>MIL-PRF-81309 and<br>wipe off excess.<br>-Material type; 1018<br>-Certificate of<br>Conformity is<br>required | Firmed | -       | 3/19/19  | 4 pcs          | 0 pcs             | 4 pcs   | \$2.15/pcs       | \$8.60         |

X4

MAR 21 2019

DP

Line Item Note \*\* NEED BACK FOR MARCH 19,2019 \*\*

|   |        |                               |                                                                                                                                                                                                                                                                                                                                     |        |   |         |       |       |       |            |        |
|---|--------|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---|---------|-------|-------|-------|------------|--------|
| 4 | 191847 | RBW6521A00138-W142AH-002-3T-3 | LH Side Bracket<br>-Issue<br>P/O;<br>-Black oxide finish,<br>MIL-C-13924C<br>Class 1<br>-Apply thin layer of<br>oil/CPC per MIL-<br>PRF-16173 Grade 3<br>Class 1 or MIL-c-<br>81309 Type III<br>Or MILL-C23411A or<br>MIL-PRF-81309 and<br>wipe off excess.<br>-Material type; 1018<br>-Certificate of<br>Conformity is<br>required | Firmed | - | 3/19/19 | 4 pcs | 0 pcs | 4 pcs | \$2.40/pcs | \$9.60 |
|---|--------|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---|---------|-------|-------|-------|------------|--------|

X4

MAR 21 2019

DP

DAS  
68  
9-89

Line Item Note \*\* NEED BACK FOR MARCH 19,2019 \*\*





Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# PURCHASE ORDER

## PO042898



### Items

| Line Item                                                                           | Job    | Part                          | Description                                                                                                                                                                                                                                                                                | Status | Account | Due Date | Order Quantity | Received Quantity | Balance | Unit Price (CAD) | Extended Price |
|-------------------------------------------------------------------------------------|--------|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------|----------|----------------|-------------------|---------|------------------|----------------|
| 5                                                                                   | 191309 | RBW6521A00138-W142AH-002-3T-4 | Top<br>-Issue P/O;<br>-Black oxide finish, MIL-C-13924C Class 1<br>-Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess.<br>-Material type; 1018<br>-Certificate of Conformity is required          | Firmed | -       | 3/19/19  | 4 pcs          | 0 pcs             | 4 pcs   | \$2.25/pcs       | \$9.00         |
| <div> <div>Line Item Note</div> <div>** NEED BACK FOR MARCH 19,2019 **</div> </div> |        |                               |                                                                                                                                                                                                                                                                                            |        |         |          |                |                   |         |                  |                |
| 6                                                                                   | 191747 | RBE350A94-3700-A-01           | Tube<br>-Issue P/O to Groupe Altech; PO<br>-Black oxide finish, MIL-C-13924C Class 1<br>-Certificate of Conformity is required                                                                                                                                                             | Firmed | -       | 3/19/19  | 8 pcs          | 0 pcs             | 8 pcs   | \$3.87/pcs       | \$30.96        |
| <div> <div>Line Item Note</div> <div>** NEED BACK FOR MARCH 19,2019 **</div> </div> |        |                               |                                                                                                                                                                                                                                                                                            |        |         |          |                |                   |         |                  |                |
| 7                                                                                   | 191677 | RBEVR-L11-0010-002-B-7        | Coupling Nut<br>-Issue P/O;<br>-Black oxide finish, MIL-C-13924C Class 1<br>-Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess.<br>-Material type; 4140<br>-Certificate of Conformity is required | Firmed | -       | 3/21/19  | 2 pcs          | 0 pcs             | 2 pcs   | \$0.96/pcs       | \$1.92         |



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# PURCHASE ORDER

## PO042898



### Items

| Line Item | Job    | Part                   | Description                                                                                                                                                                                                                                                                                      | Status   | Account | Due Date    | Order Quantity | Received Quantity | Balance | Unit Price (CAD) | Extended Price |
|-----------|--------|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|-------------|----------------|-------------------|---------|------------------|----------------|
| 8         | 189490 | RBE1X36-166-807-3      | Screw, M5 x .8 X 25<br>-Issue P/O;<br>-Black oxide finish, MIL-C-13924C Class 1<br>-Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess.<br>-Material type; DOM<br>-Certificate of Conformity is required | Firmed - |         | 3/21/19     | 24 pcs         | 0 pcs             | 24 pcs  | \$1.11/pcs       | \$26.64        |
|           |        |                        |                                                                                                                                                                                                                                                                                                  | 24X      |         | MAR 21 2019 |                | DP                |         |                  |                |
| 9         | 191676 | RBEVR-L11-0010-002-D-3 | Coupling Nut<br>-Issue P/O;<br>-Black oxide finish, MIL-C-13924C Class 1<br>-Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess.<br>-Material type; 4140<br>-Certificate of Conformity is required       | Firmed - |         | 3/21/19     | 4 pcs          | 0 pcs             | 4 pcs   | \$1.97/pcs       | \$7.88         |
|           |        |                        |                                                                                                                                                                                                                                                                                                  | X4       |         | MAR 21 2019 |                | DP                |         |                  |                |
| 10        | 189532 | RBE1X56-136-858-19     | Bolt Shoulder<br>-Issue P/O;<br>-Black oxide finish, MIL-C-13924C Class 1<br>-Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess.<br>-Material type; DOM<br>-Certificate of Conformity is required       | Firmed - |         | 3/21/19     | 6 pcs          | 0 pcs             | 6 pcs   | \$1.26/pcs       | \$7.56         |
|           |        |                        |                                                                                                                                                                                                                                                                                                  | X6       |         | MAR 21 2019 |                | DP                |         |                  |                |





Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# PURCHASE ORDER

## PO042898



### Items

| Line Item | Job    | Part                 | Description                                                                                                                                                                                     | Status          | Account | Due Date | Order Quantity | Received Quantity | Balance | Unit Price (CAD) | Extended Price |
|-----------|--------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------|----------|----------------|-------------------|---------|------------------|----------------|
| 11        | 191878 | RBE350A94-3700-B-01  | Tube<br>(Outside Processing<br>- Black Oxide)<br>-Issue P/O to<br>Groupe Altech;<br>PO _____<br>-Black oxide finish,<br>MIL-C-13924C<br>Class 1<br>-Certificate of<br>Conformity is<br>required | Firmed -<br>XZ  |         | 3/21/19  | 2 pcs          | 0 pcs             | 2 pcs   | \$3.55/pcs       | \$7.10         |
| 12        | 185438 | RBE350A94-2706-00-01 | Pin<br>-Issue P/O to<br>Groupe Altech;<br>PO _____<br>-Black oxide finish,<br>MIL-C-13924C<br>Class 1<br>-Certificate of<br>Conformity is<br>required                                           | Firmed -<br>X38 |         | 3/21/19  | 38 pcs         | 0 pcs             | 38 pcs  | \$1.50/pcs       | \$57.00        |
| 13        | 186407 | RBE350A94-2706-00-09 | Pin<br>-Issue P/O to<br>Groupe Altech;<br>PO _____<br>-Black oxide finish,<br>MIL-C-13924C<br>Class 1<br>-Certificate of<br>Conformity is<br>required                                           | Firmed -<br>X19 |         | 3/21/19  | 19 pcs         | 0 pcs             | 19 pcs  | \$1.55/pcs       | \$29.45        |
| 14        | 186404 | RBE350A94-2706-00-03 | Pin<br>-Issue P/O to<br>Groupe Altech;<br>PO _____<br>-Black oxide finish,<br>MIL-C-13924C<br>Class 1<br>-Certificate of<br>Conformity is<br>required                                           | Firmed -<br>X20 |         | 3/21/19  | 20 pcs         | 0 pcs             | 20 pcs  | \$1.50/pcs       | \$30.00        |

Grand Total: \$257.87



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# PURCHASE ORDER

## PO042898



### Order Notes

#### Procurement Quality Clauses

A005 right of entry  
A012 chemical and physical test report  
A016 personnel qualification  
A017 raw material identification (as applicable)

A022 Apical Processing  
A024 process certifications  
A026 certification of material conformance

A041 quality management system  
A042 dart notification by supplier  
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

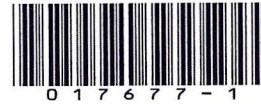
A handwritten signature in blue ink, likely belonging to Patrick Lussier, is written over the bottom right of the Order Notes section.

Plex 3/18/19 2:59 PM dart.Lussier.Patrick





# Certificat de Conformité / Certificate of Compliance



0 1 7 6 7 7 - 1

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9  
 Tel: 514-335-3666 Fax: 514-335-3868  
 www.groupepaltech.com

## Bon de Livraison / Packing Slip

### 017677- 1

Livré à / Ship to

**DART AEROSPACE LTD**  
 1270 ABERDEEN STREET  
 HAWKESBURY, ON, K6A1K7  
 CANADA  
 Tel.: 613-632-5200 Fax.:

Client / Customer:

**DART AEROSPACE LTD**  
 1270 ABERDEEN STREET  
 HAWKESBURY, ON, K6A1K7  
 CANADA  
 BUYER:

| Date expédition<br>Ship date |                                                                            | Créé Par<br>Generated By                                                                                                                               | Transport / No de Compte<br>Courier / Acc. No. | Bon de commande Client<br>Customer Purchase Order No. |                 |                   |               |                        |
|------------------------------|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-------------------------------------------------------|-----------------|-------------------|---------------|------------------------|
| 21-Mar-2019                  |                                                                            | Shankar Anand                                                                                                                                          |                                                | 042898                                                |                 |                   |               |                        |
| #Ligne<br>Line#              | No. de Série / # Pièce<br>Part Number / Line Item Details<br>Job # / Ref # | Description pièce(s)                                                                                                                                   | CATG.<br>U/M                                   | Comm.<br>/Ordered                                     | Exp/<br>Shipped | Qté NC/<br>NC Qty | Qté<br>Scrap/ | À venir/<br>Back Order |
| 1                            | RB6796941-201-4<br>Rev.                                                    | PLUG<br>BLACK OXIDE<br>MIL-C-13924C CLASS 1                                                                                                            | BLACK-OXIDE<br>CH                              | 11                                                    | 11              | 0                 | 0             | 0                      |
| 2                            | RBW6521A00138-W142AH-002-3T-1<br>Rev.                                      | RBW6521A00138-W142AH-002-3T-1<br>01 -OXIDE-BLK & OIL [OXIDE BLACK AND OIL]<br>MIL-C-13924C CLASS 1<br>APPLY A THIN LAYER OF OIL<br>WIPE OFF EXCESS OIL | OXIDE-BLACK<br>CH                              | 2                                                     | 2               | 0                 | 0             | 0                      |
| 3                            | RBW6521A00138-W142AH-002-3T-2<br>Rev.                                      | RBW6521A00138-W142AH-002-3T-2<br>01 -OXIDE-BLK & OIL [OXIDE BLACK AND OIL]<br>MIL-C-13924C CLASS 1<br>APPLY A THIN LAYER OF OIL<br>WIPE OFF EXCESS OIL | OXIDE-BLACK<br>CH                              | 4                                                     | 4               | 0                 | 0             | 0                      |
| 4                            | RBW6521A00138-W142AH-002-3T-3<br>Rev.                                      | RBW6521A00138-W142AH-002-3T-3<br>01 -OXIDE-BLK & OIL [OXIDE BLACK AND OIL]<br>MIL-C-13924C CLASS 1<br>APPLY A THIN LAYER OF OIL<br>WIPE OFF EXCESS OIL | OXIDE-BLACK<br>CH                              | 4                                                     | 4               | 0                 | 0             | 0                      |
| 5                            | RBW6521A00138-W142AH-002-3T-4<br>Rev.                                      | RBW6521A00138-W142AH-002-3T-4<br>01 -OXIDE-BLK & OIL [OXIDE BLACK AND OIL]<br>MIL-C-13924C CLASS 1<br>APPLY A THIN LAYER OF OIL<br>WIPE OFF EXCESS OIL | OXIDE-BLACK<br>CH                              | 4                                                     | 4               | 0                 | 0             | 0                      |
| 6                            | RBE350A94-3700-A-01<br>Rev.                                                | RBE350A94-3700-A-01<br>01 -OXIDE BLACK [OXIDE BLACK] MIL-C-13924C CLASS 1                                                                              | BLACK-OXIDE<br>CH                              | 8                                                     | 8               | 0                 | 0             | 0                      |
| 7                            | RBEVR-L11-0010-002-B-7<br>Rev.                                             | RBEVR-L11-0010-002-B-7<br>01 -OXIDE-BLK & OIL [OXIDE BLACK AND OIL]<br>MIL-C-13924C CLASS 1<br>APPLY A THIN LAYER OF OIL<br>WIPE OFF EXCESS OIL        | BLACK-OXIDE<br>CH                              | 2                                                     | 2               | 0                 | 0             | 0                      |
| 8                            | RBE1X36-166-807-3<br>Rev.                                                  | RBE1X36-166-807-3<br>01 -OXIDE-BLK & OIL [OXIDE BLACK AND OIL]<br>MIL-C-13924C CLASS 1<br>APPLY A THIN LAYER OF OIL<br>WIPE OFF EXCESS OIL             | OXIDE-BLACK<br>CH                              | 24                                                    | 24              | 0                 | 0             | 0                      |
| 9                            | RBEVR-L11-0010-002-D-3<br>Rev.                                             | RBEVR-L11-0010-002-D-3<br>01 -OXIDE-BLK & OIL [OXIDE BLACK AND OIL]<br>MIL-C-13924C CLASS 1<br>APPLY A THIN LAYER OF OIL<br>WIPE OFF EXCESS OIL        | OXIDE-BLACK<br>CH                              | 4                                                     | 4               | 0                 | 0             | 0                      |

bags/parts

switched verified with drawings  
 same parts same dimensions

DAS  
68  
9-89



# Certificat de Conformité / Certificate of Compliance



2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9  
 Tel: 514-335-3666 Fax: 514-335-3868  
 www.groupaltech.com

## Bon de Livraison / Packing Slip

**017677- 1**

Livré à / Ship to

**DART AEROSPACE LTD**

1270 ABERDEEN STREET

HAWKESBURY, ON, K6A1K7

CANADA

Tel.: 613-632-5200 Fax.:

Client / Customer:

**DART AEROSPACE LTD**

1270 ABERDEEN STREET

HAWKESBURY, ON, K6A1K7

CANADA

BUYER:

| Date expédition<br>Ship date |                                                                            | Créé Par<br>Generated By                                                                                                                     | Transport / No de Compte<br>Courier / Acc. No. | Bon de commande Client<br>Customer Purchase Order No. |                 |                   |               |                        |
|------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-------------------------------------------------------|-----------------|-------------------|---------------|------------------------|
| 21-Mar-2019                  |                                                                            | Shankar Anand                                                                                                                                |                                                | 042898                                                |                 |                   |               |                        |
| #Ligne<br>Line#              | No. de Série / # Pièce<br>Part Number / Line Item Details<br>Job # / Ref # | Description pièce(s)                                                                                                                         | CATG.<br>U/M                                   | Comm.<br>/Ordered                                     | Exp/<br>Shipped | Qté NC/<br>NE Qty | Qté<br>Scrap/ | À venir/<br>Back Order |
| 10                           | RBE1X56-136-858-19<br>Rev.                                                 | RBE1X56-136-858-19<br>01 -OXIDE-BLK & OIL [OXIDE BLACK AND OIL ]<br>MIL-C-13924C CLASS 1<br>APPLY A THIN LAYER OF OIL<br>WIPE OFF EXCESS OIL | OXIDE-BLACK<br>CH                              | 6                                                     | 6               | 0                 | 0             | 0                      |
| 11                           | RBE350A94-3700-B-01<br>Rev.                                                | RBE350A94-3700-B-01<br>01 -BLACK OXIDE ON SST MIL-DTL-13924C<br>CLASS 1                                                                      | BLACK-OXIDE<br>CH                              | 2                                                     | 2               | 0                 | 0             | 0                      |
| 12                           | RBE350A94-2706-00-01<br>Rev.                                               | RBE350A94-2706-00-01<br>01 -OXIDE BLACK [OXIDE BLACK ]<br>MIL-C-13924C CLASS 1                                                               | OXIDE-BLACK<br>CH                              | 38                                                    | 38              | 0                 | 0             | 0                      |
| 13                           | RBE350A94-2706-00-09<br>Rev.                                               | RBE350A94-2706-00-09<br>01 -OXIDE BLACK [OXIDE BLACK ]<br>MIL-C-13924C CLASS 1                                                               | OXIDE-BLACK<br>CH                              | 19                                                    | 19              | 0                 | 0             | 0                      |
| 14                           | RBE350A94-2706-00-03<br>Rev.                                               | RBE350A94-2706-00-03<br>01 -OXIDE BLACK [OXIDE BLACK ]<br>MIL-C-13924C CLASS 1                                                               | BLACK-OXIDE<br>CH                              | 20                                                    | 20              | 0                 | 0             | 0                      |

### Notes Additionnelles / Additional Notes

Epaisseur réelle  
Actual Thickness

Inspecteur Qualité  
Quality Inspector

Réçu par  
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.  
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.  
 Our financial and legal responsibility will not be higher than the amount of invoice.